

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 April 2005 (21.04.2005)

PCT

(10) International Publication Number
WO 2005/035655 A1

(51) International Patent Classification⁷: **C08L 65/00**,
81/08, C09D 165/00, 181/08, C08L 31/04, C09D 131/04,
A61N 1/05, A61B 5/053

(21) International Application Number:
PCT/GB2004/004244

(22) International Filing Date: 7 October 2004 (07.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0323733.6 10 October 2003 (10.10.2003) GB

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

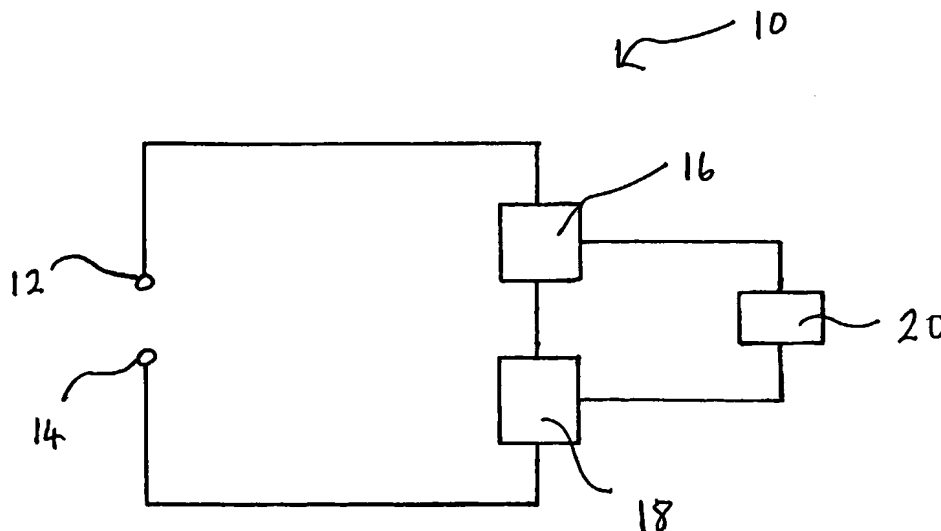
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: CONDUCTIVE POLYMER



(57) Abstract: This invention relates to an intrinsically conducting polymer (ICP), a plastics based electrode and a method for making such an electrode. In particular, the plastics based electrode comprises a plastic strip of cellulose acetate acting as a substrate with a thin coating of intrinsically conducting poly (3,4-ethylenedioxythiophene) and poly (4-styrenesulphonate) (i.e. PEDOT/PSS) polymer comprising an amount of vinylacetate/ethylene copolymer. The plastics based electrode may be used in apparatus for the detection of dental caries.



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